

**REMARKS**

Review and reconsideration of the Office Action of August 23, 2004 are respectfully requested in view of the above amendments and the following remarks.

Applicant would like to thank the Examiner for the indication that claims 12-17 and 19 are allowed and that claim 11 contains allowable subject matter.

Applicant has incorporated the limitations from claims 10 and 11 into claim 1, and canceled claims 10 and 11. Further, Applicant has carefully reviewed and revised the specification and drawings as required by the Examiner, and amended the claims to conform to US practice.

Accordingly, it is believed that the application is now in condition for allowance.

**Office Action**

Turning now to the Office Action in greater detail, the paragraphing of the Examiner is adopted.

**Paragraph 1 (Drawings)**

The Examiner objects to the drawings because there still exists numerous examples of different parts being referenced with the same number. For example, reference number "10" describes an attenuator, but that number is used for all of the attenuators in the system.

In response, Applicant is submitting herewith a set of figures including a Fig. 3 amended to refer to first electrical

path **E1** with summing element **8**, attenuation element **10** and delay element **12**, and second electrical path **E2** with summing element **8'**, attenuation element **10'** and delay element **12'**.

No new matter is introduced by these amended figures. Entry of amended Fig. 3 is respectfully requested.

**Paragraph 2 (Specification)**

The Examiner objects to the disclosure because of the following informalities: like the objection to the Drawings, the specification mentions parts that have the same reference number making it confusing.

In response, Applicant has amended the specification to conform to the amended figures.

Entry and withdrawal of the objection is respectfully requested.

**Paragraphs 3, 4, 5 and 6 (Claim Rejections - 35 USC § 102)**

Claims 1 and 3 are rejected under 35 U.S.C. §102(b) as being anticipated by Moyski et al.

Applicant has incorporated the limitations from claims 10 and 11 into claim 1. The rejection is thus rendered moot.

Claims 1, 8 and 10 are rejected under 35 U.S.C. §102(e) as being anticipated by Finn et al.

Applicant has incorporated the limitations from claims 10 and 11 into claim 1. The rejection is thus rendered moot.

Claims 1, 9 and 20 are rejected under 35 U.S.C. §102(b) as being anticipated by Roddy.

Applicant has incorporated the limitations from claims 10 and 11 into claim 1 and has canceled claim 20. The rejection is thus rendered moot.

**Paragraphs 7, 8, and 9 (Claim Rejections - 35 USC § 103)**

Claims 4 and 5 are rejected under 35 U.S.C. §103(a) as being as being obvious over Moyski.

Applicant has incorporated the limitations from claims 10 and 11 into claim 1. The rejection is thus rendered moot.

Claims 6 and 7 are rejected under 35 U.S.C. §103(a) as being as being obvious over Roddy in view of Bolin.

Applicant has incorporated the limitations from claims 10 and 11 into claim 1. The rejection is thus rendered moot.

**Paragraphs 10 and 11 (Allowable Subject Matter)**

Claims 12-17 and 19 are allowed.

Claim 11 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

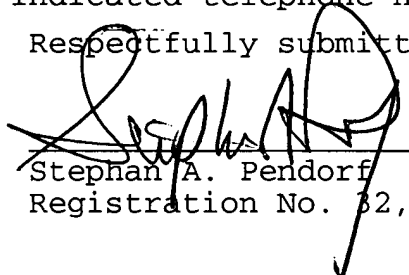
Applicants incorporate the limitations from claims 10 and 11 into claim 1, thereby rendering claim 1 and claims depending therefrom allowable.

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AMENDMENT B

Attorney Docket: 3926.013

Applicants believe that all the claims are now allowable. Favorable consideration and early issuance of the Notice of Allowance are respectfully requested. Should further issues remain prior to allowance, the Examiner is respectfully requested to contact the undersigned at the indicated telephone number.

Respectfully submitted,

  
Stephan A. Pendorf  
Registration No. 32,665

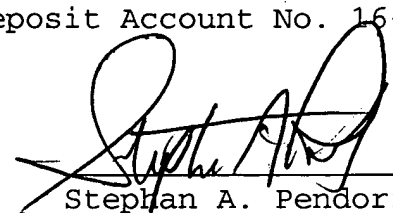
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Date: **January 24, 2005**

**CERTIFICATE OF MAILING AND AUTHORIZATION TO CHARGE**

I hereby certify that the foregoing AMENDMENT B for U.S. Application No. 09/638,499 filed August 15, 2000, was deposited in first class U.S. mail, with sufficient postage, addressed: Mail Stop Amendment, Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, on **January 24, 2005**.

The Commissioner is hereby authorized to charge any additional fees which may be required at any time during the prosecution of this application without specific authorization, or credit any overpayment, to Deposit Account No. 16-0877.

  
Stephan A. Pendorf